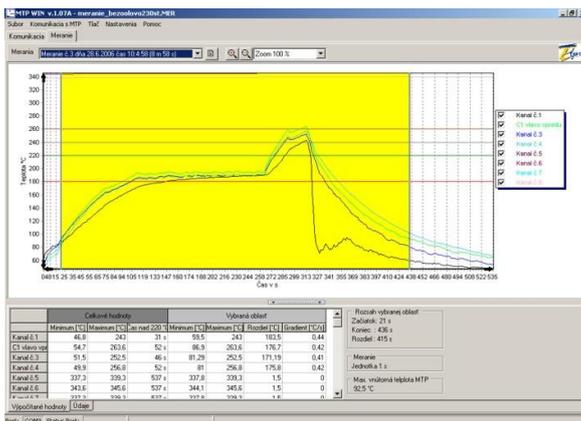


THERMO PROFILER - MTP 05 (Data Logger)

Basic tool for reaching reliable soldering!

- ! Basic tool for adjusting reflow ovens and solder baths
- ! Measures temperature in up to 8 places at the same tir
- ! Supports temperatures up to 260°C
- ! Measurement accuracy: +/- 1 %
- ! Special graphic software MTP WIN
- ! Can detect any irregularity within the soldering process or critical points on the board



MTP 05 is an autonomous equipment which measures temperature in up to 8 places at the same time. Recorded values are stored in memory and these data are transmitted to PC after the measurement is finished.

Together with a protection box this equipment supports temperatures up to 260°C and therefore is able to measure thermal profiles during the movement through reflow oven.

After transferring to PC, these data are processed by a special graphic software MTP WIN, which displays a graph of temperatures vs. time and automatically writes the achieved minimum/maximum values, the duration of each stage and temperature increases/decreases. The operator can choose other values from the profile, which are interesting for him. The profiles in the graph are stored in the hard disc and can be printed with a report. This way the measured values are classified and archived for later use or comparison by periodical revisions of soldering system.



Technical specifications:

Capacity of memory:	8 x 1800 samples
Sampling interval:	1sec. ~ 1h
Measurement accuracy:	+/- 1 %
Temperature range:	0 ~ 300°C
Channels:	8
Sensors:	thermocouples K-type
Connecting to PC:	RS 232 (USB)
Process start:	manual or automatic
Max. working temperature :	260°C
Dimensions of the logger LxWxH:	130x123x16 mm
Dim. of the thermobox LxWxH:	210x159x26 mm



Delivery includes: Data logger MTP 05, insulating box, accumulator charger, MTP WIN graphic software, thermal protective gloves, computer interface cable RS232-USB, 8 thermocouples 1 m long, carry case, manuals etc.